## **GRINDER**

Grind used creosote treated wood railroad ties, utility poles and cross arms and other previously treated wood or contaminated wood into particle sizes of 1-40 mm in diameter.

## The Chipper or Densifier

Chip or densify waist plastic into particle sizes from 1-10 mm in diameter.



Mix creosote treated wood particles with waist plastic particles to desired mixture.

## **High-Intensity Processor**

Feed mixture into a high speed friction processor to further mix and pre heat mixture

FIG. 1

## Extruder

Feed pre heated mixture into an extruder to obtain desired heat temperature, compaction, size and shape of the finished products to be made with the recyclable materials

Recycled Railroad Tie.
Utility Pole, Crossmember, etc.